

SANTA ANA REGIONAL WATER QUALITY CONTROL BOARD
INSPECTION REPORT

OFFICE NO: 8
INSPECTOR: EGK

PCA SYSTEM TASK NO.: 10230

8365124001 Darryl Koops Northview Dairy
WDID No. OWNER NAME FACILITY NAME

CAG018001 **Ex. 6 Personal Privacy (PP)**
NPDES No.

8-7-12 Ontario, CA 91761 Ontario, CA 91761
Sched Date OWNER CITY, STATE & ZIP FACILITY CITY, STATE & ZIP

8-7-12 Darryl Koops Darryl Koops
Actual Date OWNER CONTACT FACILITY CONTACT
Inspected

Ex. 6 Personal Privacy (PP) 951-232-1311
OWNER PHONE NO. FACILITY PHONE NO.

J Inspection Agency (S=STATE, J=JOINT STATE/USEPA)

INSPECTION TYPE (Check One)

- A1 ___ "A" type compliance--Comprehensive inspection in which samples are taken. (EPA Type S)
- B1 **X** "B" type compliance--A routine nonsampling inspection. (EPA Type C)
- 02 ___ Noncompliance follow-up--Inspection made to verify correction of a previously identified violation.
- 03 ___ Enforcement follow-up--Inspection made to verify that conditions of an enforcement action are being met.
- 04 ___ Complaint--Inspection made in response to a complaint.
- 05 ___ Pre-requirement--Inspection made to gather info. relative to preparing, modifying, or rescinding requirements.
- 06 ___ Miscellaneous--Any inspection type not mentioned above. If this is an EPA inspection not mentioned above please note type. (e.g. biomonitoring, performance audit, diagnostic, etc.)

- Y Were violations noted during this inspection? (Yes/No/Pending Sample Results)
- N Was this a Quality Assurance-Based inspection?
- N Were bioassay samples taken? (N=no) If YES then, S= Static or F= Flow through.
- N Were water quality samples collected?

INSPECTION SUMMARY

The overall facility rating, on a 1 (unreliable) to 5 (reliable) scale, was determined to be 3 = Satisfactory.

Corrals contain about 2 inches manure. Flush system separates manure solids. Housekeeping is satisfactory. Central pond has excessive accumulation of floating manure solids. Marker in pond ok. Freeboard in pond ~ 2 feet. Berm integrity for most part appears adequate. Wastewater storage structures appear adequate. Violations noted for maintenance of pond and berms.

INITIALS: EGK SIGNATURE: _____ DATE: 12-26-12

For Internal Use: Reviewed by: (1) _____ (2) _____ (3) _____
Regional WDS Coordinator

CIWQS Entry Date: _____ Regional Board File Number: _____

HISTORICAL INFORMATION (MOST RECENT):

Order No.	Adopted Date	Permit Type	Inspect Date	Inspection Type	Inspection Violations	Inspection Violation Type	Violation Date
R8-2007-0001	/7/07	NPDES					

REVIEW OF FACILITY'S MOST RECENT ANNUAL REPORT

ANNUAL REPORT FOR: Jan 1, 2011 – Dec 31, 2011

ANIMAL POPULATION

Milk Cows: 1400 Dry Cows: 302 Heifers: 785 Calves: 386 Other: 6

MANURE INFORMATION

Units used: tons

Amount of manure spread on cropland at the facility:

Amount of manure hauled away from the facility:

Name(s) and address(es) of manure destination:

ENGINEERED WASTE MANAGEMENT PLAN (EWMP) REVIEW

Did the inspector review the most recent EWMP on file? **YES**

Did the facility operator have a copy of the EWMP available onsite? **Yes**

Date EWMP originally prepared:

EWMP prepared by:

Regional Board EWMP Acceptance Date: **8-26-04**

EWMP Certification Letter Date and Source: **2-24-06**

Was EWMP fully implemented? **Yes**

If not, list structures missing or deficient:

Other information related to the EWMP:

OPERATOR INSPECTION PARTICIPATION AND INPUT, AND DESCRIPTION OF WATER CONTAINMENT SYSTEM

Mr. Darryl Koops participated in the inspection. Wastewater is stored in pond and conveyed to pasture areas. Manure solids are separated out before wastewater enters pond. Refer to Photos

INSPECTION OBSERVATIONS**ANIMALS ONSITE DURING INSPECTION;**

Milk Cows: # Dry Cows: # Heifers: # Calves: # Other: #

INSPECTION SPECIFIC MANURE AND WASTEWATER INFORMATION:**DISCUSSION OF FACILITY HOUSEKEEPING:**

Housekeeping in corrals and feedlanes appears adequate. Pond has not been cleaned in a few years. Excessive manure solids were floating in pond. Extent of excessive solids was such that solids formed floating islands and vegetation had established root systems on the manure islands. Other caked floating manure solids were about 4-5 inches thick. It could not be determined the thickness of the manure islands. A marker was observed in the pond. Freeboard in the pond varied from 1-3 feet. Mr. Koops indicated that the pond was going to be cleaned.

A screened manure pile was observed in eastern flush alley. Numerous other manure stock piles were observed in the western pasture area. These manure piles appeared to be in this area for composting. The corrals are cleaned 3 times/year. Manure is hauled to Kern County. Analysis of manure has been completed as required by dairy permit. Corrals appeared to have been graded for stormwater run-off.

Refer to Photos

TYPICAL DEPTH OF MANURE IN CORRALS: **2 inches**

DATE CORRALS WERE LAST SCRAPED:

ESTIMATED FREEBOARD IN FULLEST LAGOON: **3 feet**

DATE OF LAST LAGOON SOLIDS REMOVAL, PER FACILITY REPRESENTATIVE: **Every few years**

DISPOSAL LOCATION FOR LAGOON SOLIDS: **Kern County**

INSPECTION SPECIFIC MANURE AND WASTEWATER INFORMATION (CONTINUED) :

CONDITION OF BERMS AND CONTAINMENT STRUCTURES. Berm integrity appears adequate for most areas. Berm integrity at spillway area may be compromised by extensive rodent activity. Rodent activity has eroded soil around and under spillway and has caused spillway to break into sections. Minor vegetation on berms. Southeastern berm has been modified by grading activity for new road work on property east of dairy. Other than the grading work, the berm integrity appears adequate for this eastern section. Refer to Photos

OTHER INSPECTION OBSERVATIONS:

POTENTIAL VIOLATIONS (IF APPLICABLE)

Some common violations are list below, pick and delete or add to this list as needed (delete this line)

- The discharger was not maintaining containment structures to retain all wastewater within the facility
- The discharger has more than 700 mature cows, but has not analyzed the manure, or does not have a copy of their nutrient analysis to show the inspector

DATE OF POTENTIAL VIOLATION: **8-7-12**

DATE OF POTENTIAL VIOLATION DETERMINATION: **8-7-12**

DESCRIPTION OF VIOLATION: **See above items as well as Inspection Summary, Annual Report Review, EWMP Review, Description of Water Containment System, Inspection Observations, EWMP Review, and Additional Comments,.**

ADDITIONAL COMMENTS, SPECIAL INSTRUCTIONS, FUTURE INSPECTION FOLLOW UP ETC.

Discussion. Mr. Koops was requested to notify the Regional Board when the removal of the manure solids in the pond had been completed. Direct Mr. Koops to perform rodent control in spillway area. Mr. Koops was requested to submit the results of the manure analysis when completed. Schedule a follow-up inspection to observe correction of violations and verify compliance with permit.



AUGUST 7, 2012 View looking north at eastern flush lane with screened manure solids.



AUGUST 7, 2012 View looking southeast at central pond. Excessive solids floating in pond.



AUGUST 7, 2012 View looking south at central pond. Excessive solids floating in pond.



AUGUST 7, 2012 View looking southwest at central pond. Excessive solids floating in pond. Manure island at center.



AUGUST 7, 2012 View looking west at central pond. Excessive solids floating in pond.



AUGUST 7, 2012 View looking west at manure separator. Excessive solids floating in pond in background.



AUGUST 7, 2012 View looking southeast at central pond and manure solids storage bunker
Excessive solids floating in pond.



AUGUST 7, 2012 View looking north at southwest composting area.



AUGUST 7, 2012 View looking northeast at southwest composting area.



AUGUST 7, 2012 View looking north at southwest composting area.



AUGUST 7, 2012 View looking north at pasture area.



AUGUST 7, 2012 View looking north at pasture area.



AUGUST 7, 2012 View looking east along south berm. Note cracks in spillway and rodent activity around spillway.



AUGUST 7, 2012 View looking east along south berm. Note cracks in spillway and rodent activity around spillway.



AUGUST 7, 2012 View looking west along south berm from eastern property line. Dairy pasture at right.



AUGUST 7, 2012 View looking northwest at dairy pasture along eastern property line.



AUGUST 7, 2012 View looking north along east berm. Grading work on berm from new road construction for adjacent property (right half of photo).



AUGUST 7, 2012 View looking west at eastern corral area.



AUGUST 7, 2012 View looking west at eastern corral area.



AUGUST 7, 2012 View looking west at eastern corral area.



AUGUST 7, 2012 View looking north at eastern corral area.